

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003511

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04L 1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L 1/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Korean Intellectual Property Office Patent Search System "PACKET & RETRANSMIT & DISCARD"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US6519223 B1 (ERICSSON TELEFON AB L M) 11. Feb., 2003 (2003.02.11)	1
A	* THE WHOLE DOCUMENT	2-13
A	KR20030004618 A (SAMSUNG ELECTRONICS CO., LTD.) 15. Jan., 2003 (2003.01.15)	1-13
	* THE WHOLE DOCUMENT	

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

12 APRIL 2005 (12.04.2005)

Date of mailing of the international search report

13 APRIL 2005 (13.04.2005)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2004/003511

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR20030004618 A	15.01.2003	NONE	
US6519223 B1	11.02.2003	AU200039943A1	23.10.2000
		BR200009590A	26.12.2001
		CA2368770A1	12.10.2000
		CN1512702A	14.07.2004
		EP01166486A1	02.01.2002
		JP14541727	03.12.2002
		TW472472A	11.01.2002
		KR1020020013840	21.02.2002
		WO2000060799A1	12.10.2000

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